



### ***Product Feature***

The return video unit provides the GY-HD250U user with the ability to display the return video signal from a camera control unit (CCU) through the GY-HD250U electronic viewfinder (EVF) in studio configurations that do not use the KA-HD250U. This unit requires that a third party CCU from Camplex or Telecast Fiber with appropriate camera adapter cabling\* be used to control this unit.

\*NOTE: Camera adapter connection cables are sold separately by their respective companies:

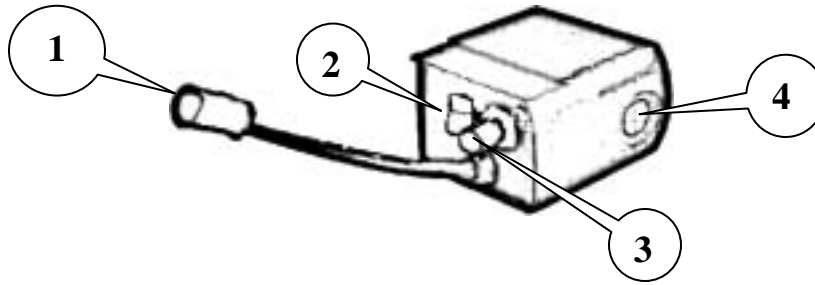
*Camplex*                      *Cable Part No. CAIC-23-D112*

*Telecast Fiber*              *Cable part No. CHCS-B03-JVC-3B-X1-10D-REV#2*

### ***User Benefit***

The absence of the KA-HD250U enables the studio configured GY-HD250U to be mounted on the shoulder, providing the videographer with mobility and positioning flexibility.

## Connection and Installation Instructions



### 1. GY-HD250U EVF Input (20-Pin Male)

This connection is used to provide the EVF output signal from the GY-HD250 to the return video unit. Connect this plug to the GY-HD250U's 20-Pin RGB viewfinder output.

### 2. Return Control Input (Wire)

This input is used to switch the unit's output between the GY-HD250U's VF video and the return video. Connect this input to GY-HD250U's 10-pin studio connector with the wire supplied by either Complex or Telecast Fiber camera adapter cabling (See previous page for the respective third-party CCU cabling part numbers).

### 3. Return Video Input (BNC Male)

Connect the third-party camera adapter VBS return video signal to this BNC input.

### 4. EVF Output Connection (20-Pin Female)

Insert the GY-HD250U's 20-pin EVF connector to this output.

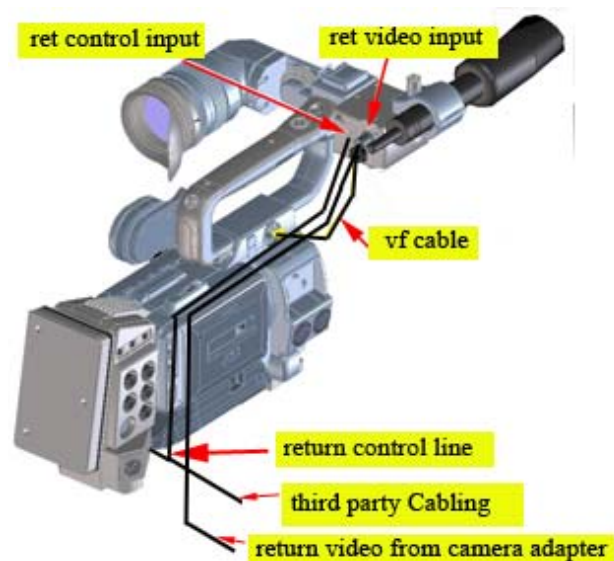
## Required Camera Settings

- Set the GY-HD250 menu selection "VF SIGNAL" to "RGB".
- Set the GY-HD250 menu selection "Tally System" to "Studio".

The EVF signal switching is controlled by the KA-R25U return video unit. The normal EVF output is the GY-HD250U RGB signal. When the RET (return) button located on the lens control handle is depressed and held down, a converted Black & White image of the return video signal is shown in the EVF. Once the RET button is released, the KA-R25U switches the EVF image back to the RGB signal from the camcorder.

## Mounted View

The KA-R25U return video unit mounts conveniently on the GY-HD250U's handle as shown (right). The original EVF and microphone can be used after the return video unit is mounted.



## ***Specifications***

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|                                    |  |
|------------------------------------|--|
| <b>GY-HD250U 20-Pin EVF Input:</b> | RGB  |
| <b>Return Video Input:</b>         | VBS 1V p-p   |
| <b>Return Control Input:</b>       | 5V - Black & White Return Video Output<br>0V - GY-HD250 EVF Video Output |
| <b>EVF 20-Pin Output:</b>          | RGB GY-HD250U EVF Video/RGB Return Video                                 |
| <b>Power Consumption:</b>          | 182mW  |
| <b>Weight:</b>                     | Approx 0.2 lbs   |
| <b>Included Mounting Screws:</b>   | M2.6 6mm Round Head x 2<br>M2.6 4mm Flat Head x 1                        |

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Design and specifications subject to change without notice.